

- Q.16 0°C rki ij , fuyhu dh $\text{HNO}_2 + \text{HCl}$ dh f0; kl sD; k curk gS-
 (1) QhulW (2) ulbVht hu (3) MbZt ls; lkd (4) bueal sdlbZugla
- Q.17 m0e. l; vfh0; keaglrkgS-
 (1) nksrjQ dhnj l eku glrhgS (2) l eku l khzkglrhgS
 (3) vfh0; k, d vlg foLFkr gkst lrhgS (4) bueal sdlbZugla
- Q.18 NH_3 fuHkdsvuody ifjflfr gS-
 (1) de rki o mPp nk
 (2) mPp rki o mPp nk o vfhclj dladhmPp l khzk
 (3) de nk o mPp rki o vfhclj dladhde l khzk
 (4) de rki o de nk o vfhclj dladhde l khzk
- Q.19 l khzHl o MbZfky bZlj
 (1), fky vk lMlM- (2), fky , Ydgy (3), Flu (4) eky vk lMlM-
- Q.20 $\text{Cr}_2\text{O}_7^{-2}$ esCr dh vM l dj. k voLFk gS-
 (1) 2 (2) 4 (3) 6 (4) 7
- Q.22 N dk byDVNd foU kl glk&
 (1) $1s^2, 2s^2, 2p_x^1, 2p_y^1, 2p_z^1$ (2) $1s^2, 2s^2, 2p_x^3$
 (3) $1s^2, 2s^2, 2p_x^2, 2p_y^1$ (4) $1s^2, 2s^2, 2p_x^2, 2p_y^1$
- Q.23 i fr pcdh rkd kd lj. kgS-
 (1) v; fyer byDVW (2) ; fyer byDVW
 (3) /uloskdsdlj. k (4)
- Q.24 ct hu dh, jleVd in fukgS-
 (1) M. O. T. (2) vuqln
 (3), jleVd i fr LFki u (4) l Hh
- Q.25 vKVoKM-dkl EcUkgS-
 (1) fo/qr vi?Wu (2) mRjd
 (3) n0 vuqlrhfu; e (4) forj. kfu; e
- Q.26 n0 vuqlrhf0; kdkfu; e fdl usfn; k-
 (1) xycZ, o oks (2) cFZ/W (3) (4)
- Q.27 HI dscuusdsfy, $K = 50$ gA rksfo; kt u dsfy, K dkeku fdruk glk -
 (1) 0.02 (2) 0.2 (3) 50 (4) 5
- Q.28 ijek l0el l srkRi; ZgS-
 (1) iW/dhl q; k (2) U W/dhl q; k (3) ijek lqn0 eku (4) l a kt drk
- Q.29 fd.ou gS-
 (1) Å"ek Wsh (2) Å"ek li h (3) nslu (4) dlbZugla
- Q.30 $\text{HCOOH} + \text{l khzH}_2\text{SO}_4 \longrightarrow \text{l sD}$; k cusK-
 (1) CO_2 (2) CO (3) Oxalic acid (4) CH_3COOH

- Q.48 CH_3COOH k gS-
 (1) CH_3COOH (2) CH_3COCH_3 (3) $\text{CH}_3\text{COOC}_2\text{H}_5$ (4) CH_3COCl
- Q.49 AlCl_3 k gS-
 (1) Anhy. AlCl_3 (2) AlCl_3 (3) ZnCl_2 (4) bueal sdbZugla
- Q.50 $\text{Zn} + \text{H}_2\text{SO}_4 \longrightarrow \text{ZnSO}_4 + \text{H}_2$
 k gS-
 (1) vip; u (2) CH_3COOH
 (3) CH_3COCH_3 (4) bueal sdbZugla
- Q.51 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) $\text{C}_2\text{H}_5\text{OH}$ (2) $\text{C}_2\text{H}_5\text{OH} + \text{C}_2\text{H}_5\text{OH}$
 (3) $\text{C}_2\text{H}_5\text{OH}$ (4) $\text{C}_2\text{H}_5\text{OH}$
- Q.52 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) $\text{C}_2\text{H}_5\text{OH}$ (2) $\text{C}_2\text{H}_5\text{OH}$ (3) $\text{C}_2\text{H}_5\text{OH}$ (4) $\text{C}_2\text{H}_5\text{OH}$
- Q.53 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) $\text{C}_2\text{H}_5\text{OH}$ (2) $\text{C}_2\text{H}_5\text{OH}$ (3) $\text{C}_2\text{H}_5\text{OH}$ (4) $\text{C}_2\text{H}_5\text{OH}$
- Q.54 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) $\text{C}_2\text{H}_5\text{OH}$ (2) $\text{C}_2\text{H}_5\text{OH}$ (3) $\text{C}_2\text{H}_5\text{OH}$ (4) $\text{C}_2\text{H}_5\text{OH}$
- Q.55 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) $\text{C}_2\text{H}_5\text{OH}$ (2) $\text{C}_2\text{H}_5\text{OH}$ (3) $\text{C}_2\text{H}_5\text{OH}$ (4) $\text{C}_2\text{H}_5\text{OH}$
- Q.56 $\text{CH}_2 = \text{CH}-\text{CH}_2-\text{Cl}$ k gS-
 (1) $\text{CH}_2 = \text{CH}-\text{CH}_2-\text{Cl}$ (2) $\text{CH}_2 = \text{CH}-\text{CH}_2-\text{Cl}$
 (3) $\text{CH}_2 = \text{CH}-\text{CH}_2-\text{Cl}$ (4) $\text{CH}_2 = \text{CH}-\text{CH}_2-\text{Cl}$
- Q.57 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) $\text{C}_2\text{H}_5\text{OH}$ (2) $\text{C}_2\text{H}_5\text{OH}$ (3) $\text{C}_2\text{H}_5\text{OH}$ (4) bueal sdbZugla
- Q.58 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) BHC (2) $\text{C}_2\text{H}_5\text{OH}$ (3) $\text{C}_2\text{H}_5\text{OH}$ (4)
- Q.59 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) CH_3COOH (2) CH_2ClCOOH (3) CHCl_2COOH (4) CCl_3COOH
- Q.60 Fe^{+2} l Fe^{+3} k gS-
 (1) Fe^{+2} (2) Fe^{+3} (3) Fe^{+2} (4) Fe^{+3}
- Q.61 AgCl k gS-
 (1) AgCl (2) AgBr (3) Ag_2O (4) AgF
- Q.62 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) $\text{C}_2\text{H}_5\text{OH}$ (2) C_2H_4 (3) C_2H_2 (4) bueal sdbZugla
- Q.63 $\text{C}_2\text{H}_5\text{OH}$ k gS-
 (1) $\text{C}_2\text{H}_5\text{OH}$ (2) $\text{C}_2\text{H}_5\text{OH}$ (3) $\text{C}_2\text{H}_5\text{OH}$ (4) vip; u

- Q.64 H_2O fdl dkgS-
 (1) H (2) Li (3) B (4) Na
- Q.65 CHCl_3 , ehu HNO_3 ; kea, YdgyhKOH fdl dsl H_2SO_4 ; kdjrkgs-
 (1) $\text{CHCl}_3 + \text{Ag}$ (2) $\text{CH}_3\text{CN} + 1^\circ$, ehu (3) $\text{CHCl}_3 + 1^\circ$, ehu (4) $\text{CHCl}_3 + \text{HNO}_3$
- Q.66 N dkiP v H_2O ltu l svf/kd glrkgsD; kcd -
 (1) NH_3 (2) Zn p-d{kcd dkLEH; Rb
 (3) C_2H_2 (4) bueal sdbZugla
- Q.67 dlcZ dhprQydh vld fr l cl sigysfdl usnh-
 (1) dcy (2) yhcyc oWgW (3) elj dWdW (4) fofy; el u
- Q.68 ekdZhdW v H_2O ; knrkgs-
 (1) l r Ir glbMclcz (2) vl r Ir glbMclcz (3) bZj (4) , Ydgy
- Q.69 fuFu eal sdb l h/hrqeDr voLFk eagS-
 (1) Al (2) Mg (3) Cu (4) Fe
- Q.70 jibej Vleku v H_2O ; keadle vlrkgs-
 (1) CHCl_3 (2) $\text{C}_2\text{H}_5\text{Cl}$ (3) $\text{C}_2\text{H}_5\text{OH}$ (4) CH_3CHO
- Q.71 ufhdlugh, fyQsvd foLFki u eaulhldughl leku r%glrkgs-
 (1) vEy (2) {Hj (3) mnkl hu (4) yo.k
- Q.72 xscy fgyeblM-l akuu v H_2O ; kl si hr glrkgs-
 (1) 1° , ehu (2) 2° , ehu (3) 3° , ehu (4) bueal sdbZugla
- Q.73 , fYgblMo dhvku esfdl ds} jkfohn djrsgS-
 (1) NH_3 (2) Qgyx foy; u (3) H_2SO_4 (4) NaHSO_4
- Q.74 fn; kx; kbyDVWd fol kl $3d^2 4s^2$ fdl l eg dsrRb dkgS-
 (1) s-gyW (2) p-gyW (3) d-gyW (4) f-gyW
- Q.75 l Øe.krRb glrsgS-
 (1) l Hh/hrq (2) dN /hrqdN v/hrq (3) mPp fØ; k hly (4) fefJr /hrq
- Q.76 dkl kizlf kd l fØ; gS-
 (1) $\begin{array}{c} \text{H} \\ | \\ \text{H}-\text{H}-\text{COOH} \\ | \\ \text{H} \end{array}$ (2) $\begin{array}{c} \text{H} \\ | \\ \text{CH}_3-\text{H}-\text{COOH} \\ | \\ \text{Cl} \end{array}$
 (3) $\begin{array}{c} \text{CH}_3 \\ | \\ \text{CH}_3-\text{C}-\text{COOH} \\ | \\ \text{OH} \end{array}$ (4) $\begin{array}{c} \text{CH}_3 \\ | \\ \text{CH}_3-\text{C}-\text{COOH} \\ | \\ \text{Cl} \end{array}$
- Q.77 oS r l a k d cUkgS&
 (1) BF_3 (2) SiCl_4 (3) MgCl_2 (4) CH_4

- Q.78 CH_3CONH_2 dhp₂O₅ l sfØ; k } kjk curk gS-
 (1), ffly , ehu (2), ffly , Ydly (3), fl fvd vEy (4) efly l k ulbM-
- Q.79 dclhuy l eg eal alj. kgk-
 (1) sp² (2) sp³ (3) sp (4) All
- Q.80 , Li hu gS-
 (1), fl fvy l syfl fyd vEy (2) efly l syfl fyd vEy
 (3) efly l syl syV (4), ffly l syl syV
- Q.81 fdl eami l gl ak d cak gS-
 (1) CH₃COOH (2) H₂O (3) NH₄Cl (4) AlCl₃
- Q.82 cLVMo ykvdsvud kj vEy o {kj nkslgS-
 (1) H₃O⁺ (2) HCO₃⁻ (3) SO₄⁻² (4) Cl⁻
- Q.83 , Y; fefu; e dclhM-dht y l svffØ; k } kjk curk gS-
 (1) CH₄ (2) C₂H₆ (3) C₂H₂ (4) C₂H₄
- Q.84 dkl kyokty vi?Wu nrk gS-
 (1) CH₃COONa (2) KNO₃ (3) KCl (4) K₂SO₄
- Q.85 ybZ fl ðhr dsvuq kj vEy gS-
 (1) iWlu nrk (2) iWlu xgh (3), dclhbyDVW; Ynrk (4), dclhbyDVW; Yxgh
- Q.86 $\text{CH}_3-\text{CH}_2-\text{X} + \text{KOH}(\text{Ydlk}) \longrightarrow \text{C}_2\text{H}_4$ mijDr vffØ; kgS-
 (1) foyliu (2) ifrLFliu (3); kRed (4) iqBU kl
- Q.88 ca hu ea, fl fvd vEy fyd dhrjg dk Zdjrk gS; lid -
 (1) COOH l eg dsdlj.k (2) α - H dhvEyh rk dsdlj.k
 (3) H-cak dsdlj.k (4) bueal sdbZugla
- Q.89 izy vEy dkl aqhgk gS-
 (1) izy {kj (2) naZy {kj (3) naZy vEy (4) bueal sdbZugla
- Q.90 i Fohl s/krqdl l sihr dj l drsgS-
 (1) [kut (2) dPpkinkFZ (3); lkd (4) yo.k
- Q.91 H - cak vuq l fkr gS-
 (1) C₂H₅OH (2) H₂O (3) CH₄ (4) NH₃
- Q.92 mEe. hr vffØ; keaox gk gS-
 (1) l eku (2) vyx & vyx (3) v/ld (4) vfuf pr
- Q.93 vipk d inkFZ gk gS-
 (1) byDVW xg. kdjrk gS (2) byDVW nrk gS (3) iWlu nrk gS (4) iWlu yrk gS